

Docket No. 220959US2PCT/phh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroyasu SANO, et al.

SERIAL NUMBER: 10/089,107

GAU: 2662

FILED: March 26, 2002

EXAMINER:

FOR: MULTI-CARRIER CDMA COMMUNICATION APPARATUS, MULTI-CARRIER CDMA TRANSMITTER AND
MULTI-CARRIER CDMA RECEIVER

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

The applicant(s) wish to make of record the references cited in the attached Korean Office Action listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.

A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Marvin J. Spivak

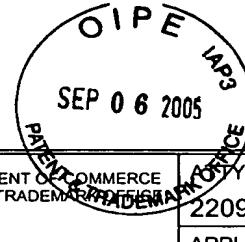
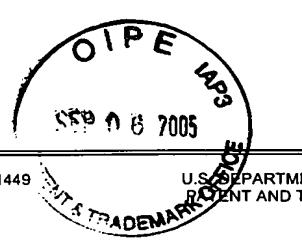
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
220959US2PCTSERIAL NO.
10/089,107

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT	Hiroyasu SANO, et al.
FILING DATE	March 26, 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						
AL						
AM						
AN						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
AO					
AP					
AQ					
AR					
AS					
AT					
AU					
AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AW	Hyunsoo CHEON, et al., "Adaptive Multicarrier System with Reduced Feedback Information in Wideband Radio Channels" IEEE VTC, 1999, pages 2880-2884
AX	F. ADACHI, et al., "Wideband Multi-rate DS-CDMA for Next Generation Mobile Communications Systems", IEEE, Wireless Communications Conference, 1997, pages 57-62
AY	
AZ	

 Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.